

B.A.R.G. NEWS

Official Newsletter of the Ballarat Amateur Radio Group. Inc. #6953T

ABN 44 247 200 143

VOLUME 26 ISSUE 7 JULY 2003

PRESIDENT: Gordon Cornell VK3FGC SECRETARY: John Kennedy VK3AIG TREASURER: Bob Terrill VK3BNC

NEXT MEETING - FRIDAY 25 JULY
At 7.30 pm

FROM THE PRESIDENT

Last month I suggested that the time has come to consider nomination to the Committee. Well the time has come and nomination forms are included with this news letter. The club will progress better with new ideas and suggestions- NOW IS YOUR CHANCE. All positions become vacant and it would be great to see some elections, rather than members being coursed.

FROM THE COMMITTEE

1. Discussions relating to the broadcast of Q News and the technical problems with the break in transmission. These problems are being addressed by the technical committee. It was noted from Stephen VK3HEG that there have been favourable comments in the "call back" after the first broadcast from amateurs not members of the club. It is hoped that the problems will be sorted shortly.
2. Stephen has been working on IRPL etc and now has put up a convention site for contacts by traders and/or visitors. The site is convention@barg.org.au. This may be a temporary site.
3. Charlie VK3DCS is running exams on Saturday 19 July 03 at the Club Rooms. If members know of any one (members or non members) wishing to do exams, they should contact Charlie or the club.

SICKIES CORNER.

Doug VK3VBA has had a knee operation and is progressing, mobile with the aid of a stick.

Pat XYL of Clem VK3BVI had a short stay in hospital but is home and doing well.

David VK3UR pulled the same stunt, but is back at work.

Ex member Neil VK3KQQ has also had a knee operation and at this time is still in hospital, but should go home shortly.

Please let the editor know of any sickies you know of, so that we can think of them

Editor

DATES

7.30 pm. Note the new starting time for the Autumn/Winter period

COMMITTEE please note that meetings (3rd Wednesday in the month) will also start at 7.30.

Friday Dining: The July dinner is to be at the Newlyn Hotel on 17 July at 6.30 pm.

Ballarat HAMFEST date is the **first** Sunday in November (the weekend before the Melbourne Cup :as usual) **Sunday 2 November 2003.**

CONSTRUCTION PROJECTS

It was agreed (at the May Meeting) that construction nights would be held on the second Monday each month, starting at 1930 hr. at the Club rooms.

Last Monday the group finished there "hand held" Yagi which were tested and all passed. Also all attenuators have been finished and tested.

Now the group is looking for the next project and new constructors.

SPECIAL NOTICE

ANNUAL AUDIT: All members holding keys are to bring them to this meeting to be checked against the Key Register. If you are an apology for the meeting, please contact president Gordon on 53392427 or Bob Terrill with your key number.

FOR SALE

1 x Yaesu FT-817 HF – 70 cm 4W portable radio. Excellent condition, complete with ATX Walkabout 80m – 6m telescopic antenna. **\$850.00**

Kenwood TS-711A 2m 25W all mode base station radio with DTMF microphone.
Fair condition **\$500.00**

Contact David VK3UR, on 5334-1888 AH for either of the above items.

PROJECT- Update Ben Nevis 2 metre Repeater

Overview

The equipment currently used at Ben Nevis is comprised of a Philips FM828 which is some 20 years old. With recent developments in technology this equipment no longer has the facilities to accommodate these changes and should be considered for replacement to meet the demands of current and future communication needs.

Proposal:

1. Replace the existing repeater with new Tait transceivers as the base unit.
2. Develop control circuitry to accommodate both present and future communication needs

Considerations:

1. The cost of two transceivers is likely to be around \$1500 + GST
2. Development of control circuitry could be around \$250

Control Requirements:

When IRLP was first contemplated, it was necessary to set down the needs of the system to enable the most efficient operation which were primarily CTCSS control, reduce or eliminate the repeater tail etc.

To achieve this with the new equipment, some careful analysis will be required to provide features as an identification (possibly using voice), control of "time out" timers for normal and extended use, a means or remotely controlling these functions together with ability to expand to meet trends in the future.

Circuits such as DTMF decoding could be used to achieve remote control, using either PIC or conventional control circuitry on "on site" requirements needs.

To keep the cost to a minimum, the use of two mobile transceivers is considerably less than a dedicated commercial type base station costing in excess of \$2000 for a Tait slimline unit. Control circuitry would also need developing for this arrangement.

Other considerations are the available space at the site to accommodate equipment changes. Using mobile transceivers would require running the Tx at lower power ie. 15 watts to prevent overheating with prolonged use. (Present equipment runs at about 14 watts) and no doubt there are other items that don't immediately come to mind.

Overall it is very worthwhile project and one I believe the club should embrace to further amateur radio within our district, as well as providing a better means of accessing communications throughout the world using IRLP etc.

Ian - VK3AXH.

FOR SALE

1. Swan S700 CX Transceiver, in good condition. 400 watt, \$300.00 or near offer
 2. Tet Emtron HF 5 El Yagi good condition \$300.00 ono
 3. Icom IC701 HF all band transceiver, \$200.00 ono
 4. Home Brew all valve transmitter and receiver, \$100.00 ono
 5. Two meter Yaesu FT2A Autoscan transceiver, \$100.00 ono.
 6. Oscilloscope single trace, \$80.00 ono
 7. Frequency counter, YC500 Near new, \$100.00 ono.
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NON CODE LICENSING

The IARU radio society of Switzerland, USKA, has announced that the Morse code requirement has been removed from its non-HF licences, and holders of previously VHF/UHF licences can NOW use HF.

This has occurred only days after the amended ITU Article 25 became law on 5 July 2003, and no longer requiring Morse code telegraphy tests for amateur licence below 30MHz.

Letters will be sent to holders of non HF licences in Switzerland to announce the provisional arrangement that is being taken to save a lot of time until the CEPT regulations can be formally amended.

The USKA board welcomed what is described as "this ultra-fast procedure" of its national Telecommunication Authority and wished those affected by the change good DX on the HF bands.

This comes from WIA Victoria as a news item

Also from the WIA;

AMATEUR RADIO CLUBS PARTICIPATE IN THE GREAT AUSTRALIAN SCIENCE SHOW At the Melbourne Museum. **National Science Week Saturday 16 to Monday 18 August 2003.**

If members are able to help with ideas or time to man the display contact President Gordon.

NEXT MEETING Friday 25 July 03 at 7.30 pm.

<u>REPEATERS</u>	VK3RBS	(Voice) 147.100 Mt..Ben Nevis
	VK3RBA	(Voice) 146.750 Mt. Buninyong
	VK3RPC	(Packet) 144.750 Mt. Warrenheip
	VK3RBU	(Voice) 438.475 Mt. Hollowback
	VK3RMB	(Beacon)432.535 Mt. Buninyong
<u>CLUB NET</u>	Thursday nights at 8 pm. (8.30during daylight saving). Freq: 3.610 MHz +/- QRM	

PLEASE ADDRESS ALL CORRESPONDENCE To Secretary BARG Inc. Box 1261 Mail Centre Ballarat 3354.



B.A.R.G. Inc. NOMINATION FORM

(Ballarat Amateur Radio Group. Inc #6953T)

ABN # 44 247 200 143

for the election of Officers

Date: _____

We wish to nominate _____ CALL: _____

For the position of _____ of B.A.R.G. Inc.

Nominated by _____ and _____

Nomination accepted by : (Nominee) _____



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